



SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO-1449	DOCKET NO. 10020/30501	SERIAL NO. 10/721,072
	APPLICANT Forrest et al.	
	FILING DATE November 26, 2003	GROUP

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT/ PUBLICATION NUMBER	PATENT/ PUBLICATION DATE	NAME	CLASS	SUBCLASS	FILING DATE
ML	5,247,190	September 21, 1993	Friend et al.			
	5,703,436	December 30, 1997	Forrest et al.			
	5,707,745	January 13, 1998	Forrest et al.			
	5,834,893	November 10, 1998	Bulovic et al.			
	5,844,363	December 1, 1998	Gu et al.			
	6,013,982	January 11, 2000	Thompson et al.			
	6,087,196	July 11, 2000	Sturm et al.			
	6,091,195	July 18, 2000	Forrest et al.			
ML	6,097,147	August 1, 2000	Baldo et al.			
ML	6,294,398	September 25, 2001	Kim et al.			
ML	6,303,238	October 16, 2001	Thompson et al.			
ML	6,337,102	January 8, 2002	Forrest et al.			
ML	6,468,819	October 22, 2002	Kim et al.			
ML	2003/0230980	December 18, 2003	Forrest et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

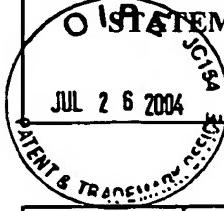
## OTHER DOCUMENTS

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
ML		Huang et al., "Low-Voltage Organic Electroluminescent Devices Using pin Structures," Appl. Phys. Lett. 80, 139 (2002)
ML		C. Shen et al., "Electronic Structure, Diffusion, and p-doping at the AuF <sub>16</sub> CuPc Interface," Journal of Applied Physics, Vol. 90(9), 4595-4554, (2001)
ML		Pfeiffer et al., "Electrophosphorescent p-I-n Organic Light-Emitting Devices for Very-High-Efficiency Flat-Panel Displays," Adv. Mater. 14, 1633
ML		Forrest, "Ultrathin Organic Films Grown by Organic Molecular Beam Deposition and Related Techniques," Chem. Rev. 97, 1793 (1997)
ML		Gao et al., "Electronic Structure and Current Injection in Zinc Phthalocyanine Doped with Tetrafluorotetracyanoquinodimethane: Interface Versus Bulk Effects," Org. Electron 3, 53 (2002)

O I P E J C & T  
JAN 26 2004  
EXAMINER  
INVENTOR & TRADEMARK OFFICE

EXAMINER INVENTOR & TRADEMARK OFFICE	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
me	Zhou et al., "Enhanced Hole Injection into Amorphous Hole-Transport Layers of Organic Light-Emitting Diodes Using Controlled p-Type Doping," <i>Adv. Funct. Mater.</i> 11, 310 (2001)
me	Kido et al., "Bright Organic Electroluminescent devices Having a Metal-Doped Electron-Injecting Layer," <i>Appl. Phys. Lett.</i> 73, 2866 (1998)
me	Huang et al., "Influence of the thickness and doping of the emission layer on the performance of organic light-emitting diodes with PIN structure," <i>J. Appl. Phys.</i> 93, 838 (2003)
me	Werner et al., "Pyronin B as a Donor for n-type Doping of Organic Thin Films," <i>Appl. Phys. Lett.</i> 82, 4495 (2003)
me	Hill et al., "Organic Semiconductor Interfaces: Electronic Structure and Transport Properties," <i>Appl. Surf. Sci.</i> 166, 354 (2000)
me	Fujimoto et al., "Electronic Structure of bis [1, 2, 5] thiadiazolo-p-quinobis (1,3-dithiole) (BTQBT) studied by ultraviolet photoemission spectroscopy," <i>Chem. Phys.</i> 165, 135 (1992)
me	Xue et al., "Organic Thin-Film Transistors Based on bis (1,2,5-thiadiazolo)-p-quinobis (1,3-dithiole)," <i>Appl. Phys. Lett.</i> 79, 3714 (2001)
me	Blochwitz et al., "Interface Electronic Structure of Organic Semiconductors with Controlled Doping Labels," <i>Org. Electron.</i> 2, 97 (2001)
me	Gao et al., "Controlled p doping of the hole-transport molecular material N,N'-diphenyl-N,n'-bis (1-naphthyl)-1,1'-biphenyl-4,4'-diamine with tetrafluorotetracyanoquinodimethane," <i>J. App. Phys.</i> 94, 359 (2003)
me	Xue et al., "Characterization of bis(1,2,5-thiadiazolo-p-quinobis(1,3-dithiole) thin films grown by organic molecular beam deposition," <i>Org. Electron.</i> 2, 143 (2001)
me	Takada, et al., "BTQBT (bis-(1, 2, 5-thiadiazolo)-p-quinobis(1, 3-dithiole)) Thin Films; A Promising Candidate for High Mobility Organic Transistors," <i>Jpn. J. Appl. Phys.</i> 41, L4 (2002)
me	Pfeiffer et al., "Controlled Doping of Phthalocyanine Layers by Cosublimation with Acceptor Molecules: A Systematic Seebeck and Conductivity Study," <i>Appl. Phys. Lett.</i> 73, 3202 (1998)
me	Maenning et al., "Controlled p-type doping of polycrystalline and amorphous organic layers: Self-consistent description of conductivity and field-effect mobility by a microscopic percolation model," <i>Phys. Rev. B</i> 64, 195208 (2001)
me	Schmeichel, "Hopping transport in doped organic semiconductors: A theoretical approach and its application to -pdoped zinc-phthalocyanine," <i>J. Appl. Phys.</i> 93, 4653 (2003)
me	Scholz et al., "Resonant Raman spectroscopy of 3,4,9,10-perylene-tetracarboxylic-dianhydride epitaxial films," <i>Phys. Rev. B</i> 61, 13659 (2000)
me	Pfeiffer et al., <i>Adv. Solid State Phys.</i> 39, 77 (1999)
me	U.S. Patent Application Serial No. 09/931,948 to Lu et al., filed —
me	U.S. Patent Application Serial No. 10/233,470

EXAMINER	<i>Mark C. John</i>	DATE CONSIDERED	<i>3/23/05</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <b>PTO-1449</b> 	DOCKET NO. 10020/30501	SERIAL NO. 10/721,072
	APPLICANT FORREST et al.	
	FILING DATE November 26, 2003	GROUP 2811

#### U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE*

#### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

#### OTHER DOCUMENTS

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
<i>Mu</i>		A. Nollau et al., "Controlled n-type doping of a molecular organic semiconductor: Naphthalenetetracarboxylic dianhydride (NTCDA) doped with bis(ethylenedithio)-tetraphiafulvalene (BEDT-TTF)", Journal of Applied Physics, Volume 87, Number 9, pp. 4340-4343, May 1, 2000.
<i>Mu</i>		J. Xue et al., "Organic optical bistable switch", Applied Physics Letters, Volume 82, Number 1, pp. 136-138, January 6, 2003.
<i>Mu</i>		P. Peumans et al., "Small molecular weight organic thin-film photodetectors and solar cells", Journal of Applied Physics, Volume 93, Number 7, pp. 3693-3723, April 1, 2003.
<i>mu</i>		P. Peumans, et al., "Efficient, high-bandwidth organic multilayer photodetectors", Applied Physics Letters, Volume 76, Number 26, pp. 3855-3857, June 26, 2000.

EXAMINER	<i>Matthew C. Jelen</i>	DATE CONSIDERED	<i>6/15/05</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			